



7th NOAA TBPG Workshop

College Park, MD

April 5-6, 2016

Roundup Presentation

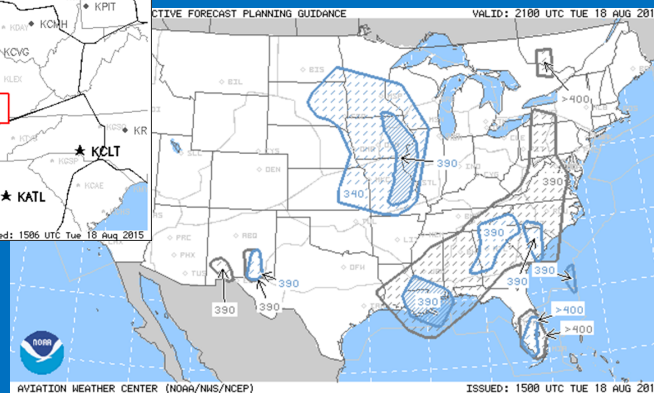
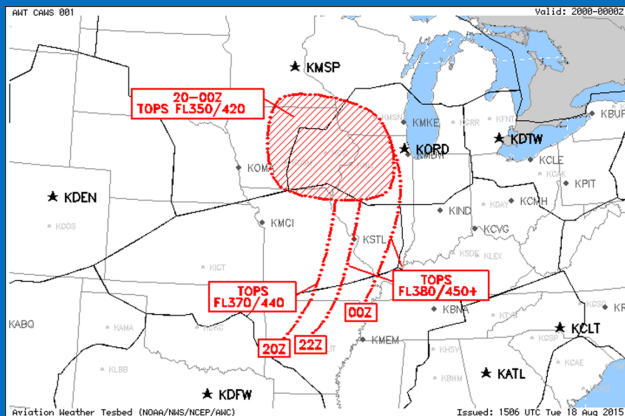
Aviation Weather Testbed

Joshua W. Scheck, Steve A. Lack, Benjamin R.J. Schwedler, Bruce Entwistle,
and Austin Cross



FY15 Highlights

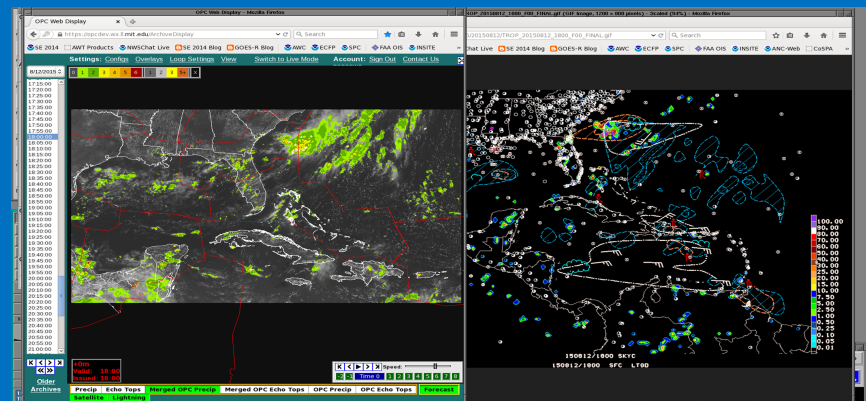
AWT



CAWS

Higher spatial and temporal resolution

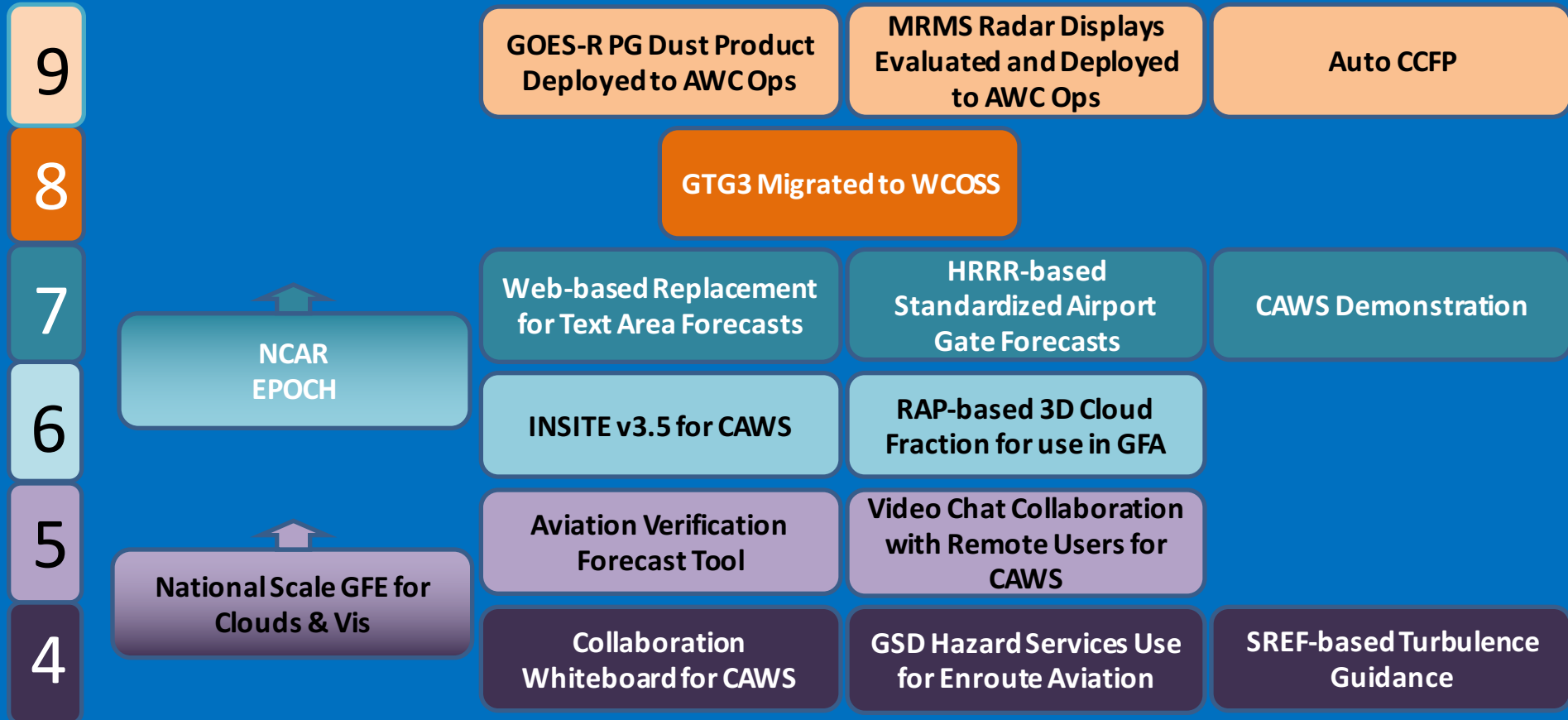
Tropical Graphical Area Forecast
Graphical alternative to text area
forecast





FY15 Transition Metrics

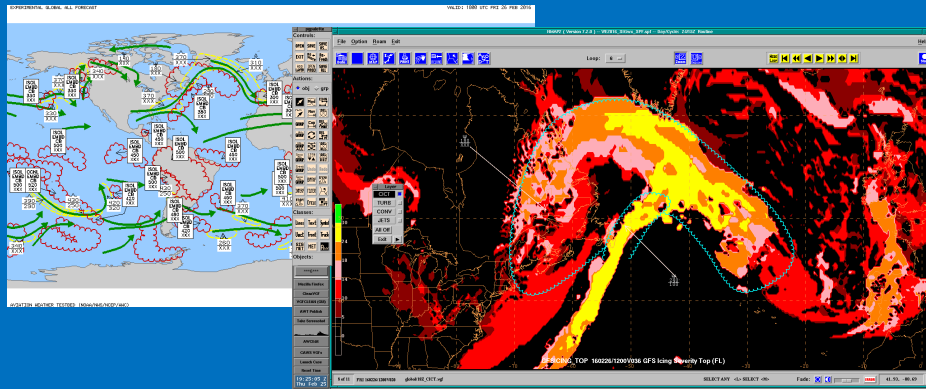
AWT





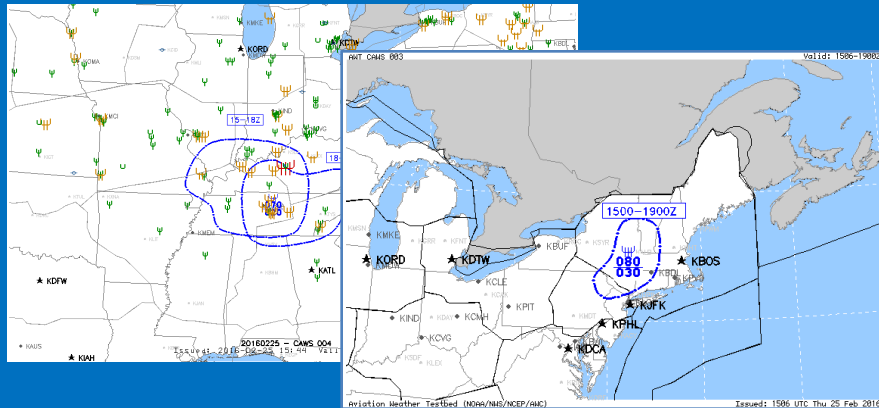
FY16 Activities

AWT



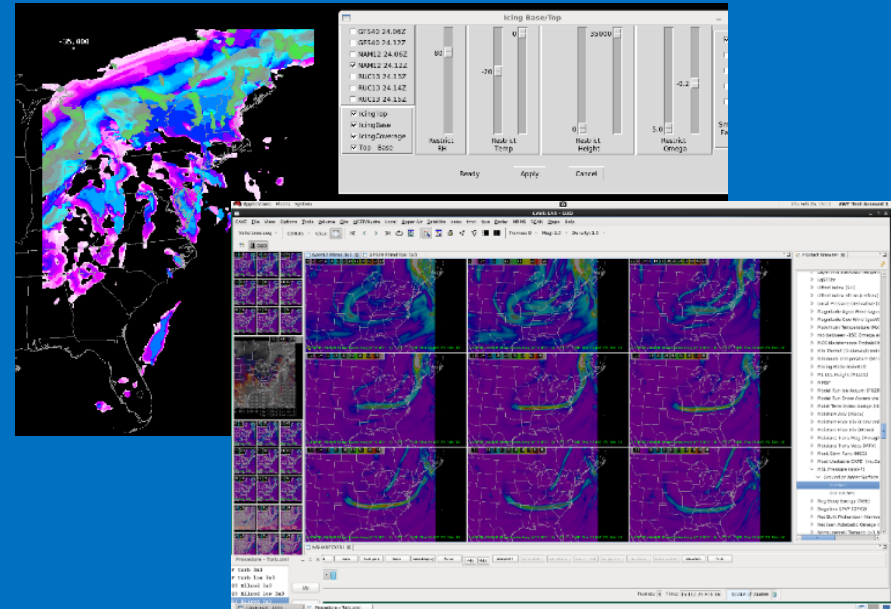
Global Graphics

New convection and turbulence guidance



Non-convective CAWS

More detail than G-AIRMET before SIGMET needed



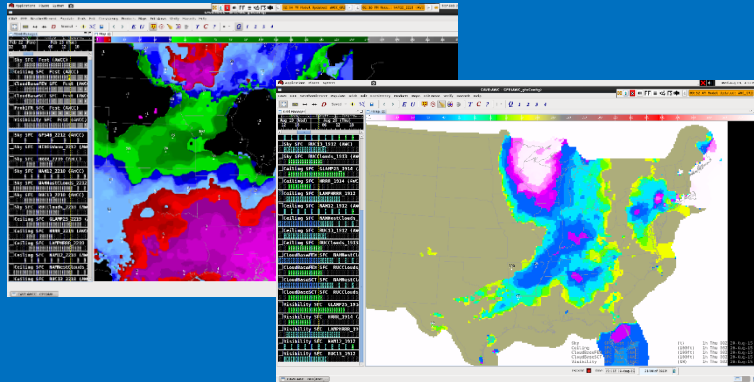
AWIPS II Icing and Turbulence

Interactive icing tool and new guidance



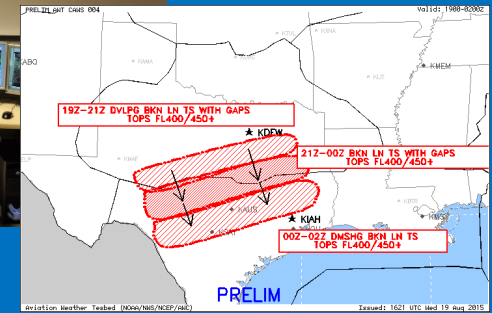
FY16 Activities

AWT



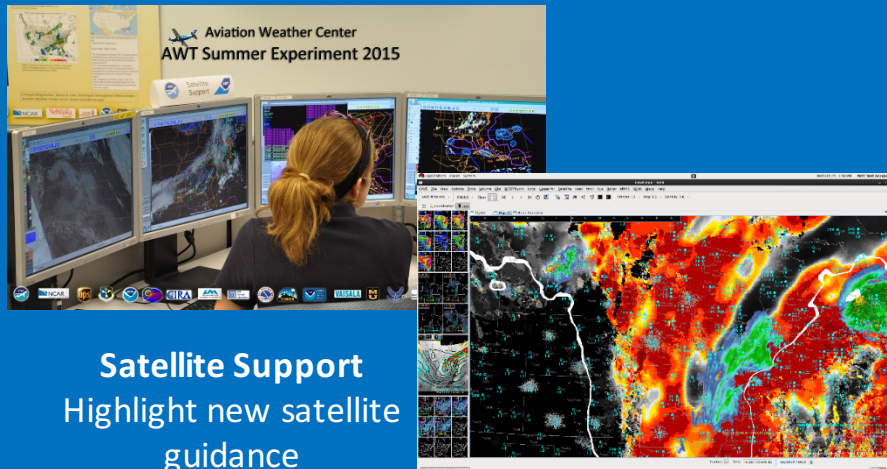
Ceiling and Visibility

Meteorologist-in-the-loop gridded forecasting



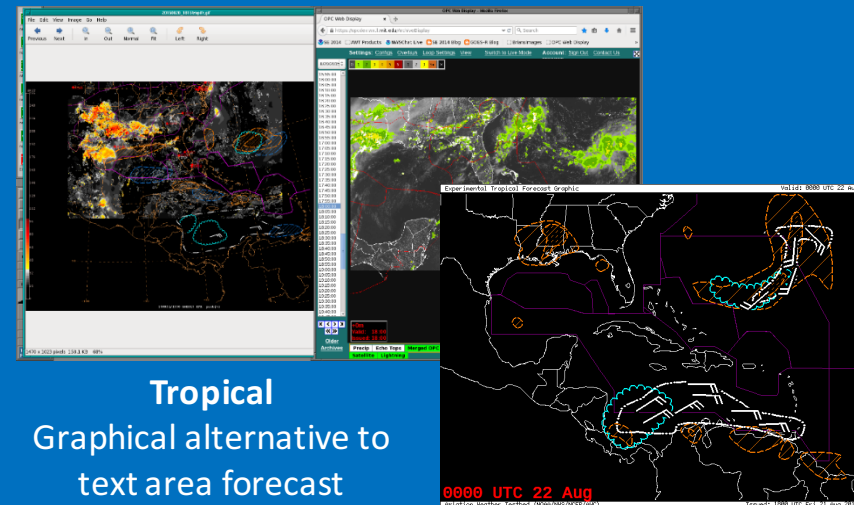
CAWS Improvements

Higher spatial and temporal resolution



Satellite Support

Highlight new satellite guidance



Tropical

Graphical alternative to text area forecast



Best Practices/Lessons Learned

AWT

- There are huge benefits to only inviting AWC forecasters during first week
- Must reduce scope, but increase intensity
 - Focus on theme areas
- Need to upgrade infrastructure!!!!



Outline

- 20 minute presentations
 - 15 mins. content, 5 mins. questions
- No more than 7 slides
 - Top 2-3 FY15 Testing Highlights (~ 2 slides)
 - FY15 transition stats and performance metrics summary (1 slide)
 - Top 2-3 Tests Planned for FY16 (~2 slides)
 - *Emphasize activities that show promise for operations/applications within 1-3 Years*
 - Best Practices/Lessons Learned for successful testing (1 slide)



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- 20 minute presentations
 - 15 mins. content, 5 mins. questions
- No more than 7 slides
 - Ceiling and Visibility Grids in GFE
 - Current Icing Product (CIP)/Forecast Icing Product (FIP)
 - Collaborative Aviation Weather
 - Top 2-3 FY15 Testing Highlights (~ 2 slides)
 - FY15 transition stats and performance metrics summary (1 slide)
 - Top 2-3 Tests Planned for FY16 (~2 slides)
 - *Emphasize activities that show promise for operations/applications within 1-3 Years*
 - Best Practices/Lessons Learned for successful testing (1 slide)